

Converting Colors

YUV(68.4760, 75.6873, 37.2935)

Have a look what the booklet for
YUV(68.4760, 75.6873, 37.2935)
contains.

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Color

**YUV(68.4760, 75.6873,
37.2935)**

Conversions

Conversions Part 1

Format	Color
Hex	6F11DE
RGB	111, 17, 222
RGB Percent	44%, 7%, 87%
CMY	0.5647, 0.9333, 0.1294
CMYK	0.50, 0.92, 0.00, 0.13
HSL	268°, 86%, 47%
HSV	268°, 92%, 87%
XYZ	19.9408, 9.0543, 69.8039
YIQ	68.4760, -9.7810, 83.6830

Conversions

Conversions Part 2

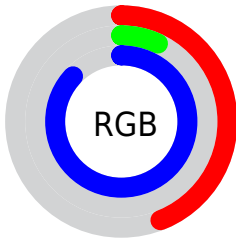
Format	Color
R_{YB}	111, 17, 222
Decimal	7279070
CIE _{Lab}	36.09, 72.58, -82.64
CIE _{LCh}	36, 109.992, 311.291
Yxy	9.0543, 0.2018, 0.0916
Android (android.graphics.Color)	4285469150 (0xFF6F11DE)
YUV	68.4760, 75.6873, 37.2935
Hunter-Lab	30.0904, 65.6331, -116.4780

Details

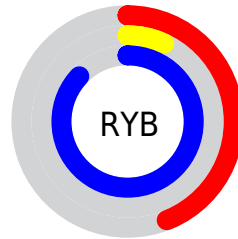
The YUV color **68.4760, 75.6873, 37.2935** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **170.5240, -75.6873, -37.2935**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.9310, 62.1520, 38.6485**, and **30.4710, 66.3228, 7.4799** is the 20% darker color. If you saturate the color by 10%, you get **55.8060, 81.9336, 40.5121**, and if you desaturate by 10%, it is **84.9780, 67.5518, 33.3453**.

Distribution



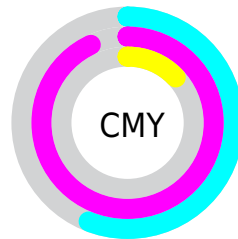
- Red (44%)
- Green (7%)
- Blue (87%)



- Red (44%)
- Yellow (7%)
- Blue (87%)



- Cyan (50%)
- Magenta (92%)
- Yellow (0%)
- Black (13%)



- Cyan (56%)
- Magenta (93%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.4760, 75.6873, 37.2935 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 68.4760, 75.6873, 37.2935 by changing the saturation by 10% instead.

68.4760, 75.6873,
37.2935

68.4760, 75.6873,
37.2935

255.0000, 0.0000,
0.0000

45.3240, 72.8043,
28.6569

128.9310, 62.1520,
38.6485

30.4710, 66.3228,
7.4799

154.6360, 49.4795,
43.2922

15.7320, 60.2781,
-13.7970

180.0420, 36.9543,
47.3212

12.6540, 48.4846,
-11.0976

203.3440, 25.4664,
45.3023

10.9780, 36.9858,
-9.6277

219.7800, 17.3635,
30.8879

10.4760, 24.9083,
-9.1875

236.8030, 8.9711,

6.2070, 16.1669,

15.9588

-5.4435

254.4130, 0.2894,
0.5148

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 68.4760, 75.6873,
37.2935

■ 68.4760, 75.6873,
37.2935

■ 55.8060, 81.9336,
40.5121

■ 84.9780, 67.5518,
33.3453

■ 101.4800, 59.4164,
29.3970

■ 118.5690, 50.9915,
24.9340

■ 135.0710, 42.8560,
20.9857

■ 151.5730, 34.7205,
17.0375

■ 168.0750, 26.5850,
13.0892

■ 184.5770, 18.4495,
9.1410

■ 201.6660, 10.0247,
4.6779

■ 218.1680, 1.8892,
0.7297

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4870, 85.0489, -72.3411



68.4760, 75.6873, 37.2935



77.4120, 32.8279, 111.0177

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.4760, 75.6873, 37.2935



77.4120, -38.1641, 61.0287



79.7830, 18.8410, -69.9697

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



68.4760, 75.6873, 37.2935



170.5240, -75.6873, -37.2935

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.0950, -24.6968, -58.8423



68.4760, 75.6873, 37.2935



75.8310, -37.3847, -2.4828

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.4760, 75.6873, 37.2935



59.8000, -29.4814, 122.9554



62.2220, -30.6754, -54.5687



90.6470, 55.3900, -79.4974

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.4760, 75.6873, 37.2935



76.4810, 4.6929, 128.4972



62.2220, -30.6754, -54.5687



75.6620, 5.5896, -66.3556

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



68.4760, 75.6873, 37.2935



201.6620, 26.2956, 12.5744



106.7010, 56.8424, -78.6678



94.9960, 16.2710, 7.8965



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.4760, 75.6873, 37.2935



64.0530, 94.1369, 46.4345



98.6750, 60.7992, 99.3860



103.7490, 4.0677, 1.9741



44.2830, 64.9365, 32.2008



12.0500, 17.7233, 8.7261

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



90.9490, 18.2661, 114.9317



91.9770, 22.6893, 142.9712



140.3250, -60.7992, -99.3860



104.9730, 0.9993, 6.1627



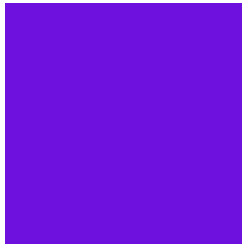
63.4540, 15.5522, 98.7028



17.3160, 4.2812, 26.9099

Previews

White Background



This preview shows how the YUV color 68.4760, 75.6873, 37.2935 looks on a white background.

Color Contrast Check

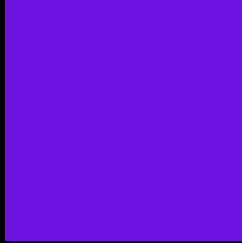
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 68.4760, 75.6873, 37.2935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

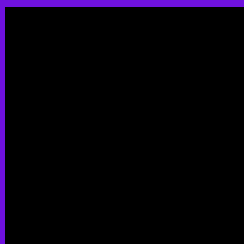
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 68.4760, 75.6873, 37.2935

Background



This preview shows how black text looks on a background with the YUV color 68.4760, 75.6873, 37.2935.



This preview shows how white text looks on a background with the YUV color 68.4760, 75.6873,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

68.4760, 75.6873, 37.2935

Protanopia

68.5570, 51.9834, -60.1245

Deuteranopia

68.6420, 39.6165, -60.1990



Tritanopia

84.2100, 4.8265, -8.0772

Trichromacy



Original Color

68.4760, 75.6873, 37.2935

Protanomaly

68.3670, 60.4581, -24.8779

Deuteranomaly

68.4180, 53.0379, -24.9226

Tritanomaly

78.7800, 30.6745, 8.0859

Monochromacy



Original Color

68.4760, 75.6873, 37.2935

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.0150, 27.6006, 14.0188

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.4760, 75.6873, 37.2935 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(111, 17, 222)` looks like.

```
.text, #text, p{  
    color:rgb(111, 17, 222)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(111, 17, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 17, 222) }
```

Border

The CSS property to change the border of an element to YUV 68.4760, 75.6873, 37.2935 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(111, 17, 222) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(111, 17, 222) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(111, 17, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 17, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 17, 222);  
box-shadow:4px 4px 4px 4px rgb(111, 17,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 68.4760, 75.6873, 37.2935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 17, 222) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(111, 17,  
222) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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